Abhishek Bakhla

Assistant Professor

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Work Experience

Qualcomm India Private Limited, Hyderabad	Mar 2021 – Feb 2023
Designation: Engineer	

- I work on security domain developing application that is responsible for providing data security, user authentication, device attestation.
- I work on the bring up of module on different chipsets and platforms (LA, LE, Auto) and validating it.
- Enhance features for module and validate them. Working on APIs development.
- Resolve security bugs.
- Handle the customer reported issues, test team issues and other tech teams.

Amdocs Development Centre India LLP, Pune	Aug 2016 – Jun 2017
Designation: Software Engineering Associate	

- I worked on telecom domain developing application that does the billing of customers of the major US telecom company. I was mainly developing the APIs used by CSM to perform the daily business.
- I worked on a module which was responsible for billing of customers. My work was developing APIs which the CSM used to enrol customers etc.
- Design, implement and test APIs according to the CR.

Academic Projects

Image Encryption using DNA Encoding (M.Tech Thesis, 2019-2020)	The aim of this project is to make image encryption more efficient and secure by using DNA encoding and decoding rules, DNA operations and chaotic map.
Modelling of VANET in Vehicular Cloud Computing (B.Tech Thesis, 2015-2016)	A model for Vehicular Cloud Computing in VANET was proposed. A protocol that enables vehicles to search for mobile cloud servers that are moving nearby and discover their services and resources was developed. The model was implemented and tested through simulation experiment.

Skills

Programming Languages	C, C++, Java	**Platforms**	Windows, Linux, Unix
Database Technologies	Oracle Database 10G, MySQL	**Version Control**	Git, Perforce, SVN
Code Review Tools	Gerrit, Code Collaborator	**Defect Track**	HP Quality Centre, Orbit
IDE	Code Blocks, Eclipse		

Education

M.Tech	2018-2020	IIT (ISM) Dhanbad, Jharkhand	Computer Science and Engineering
B.Tech	2012-2016	NIT Jamshedpur, Jharkhand	Computer Science and Engineering